

# American DJ®

# FLASH DMXC

POWER PACK CONTROLLER



## User Instructions

American DJ®  
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[www.americandj.com](http://www.americandj.com)

### Flash DMXC™

### Introduction

**Introduction:** Thank you for purchasing the Flash DMXC™ by American DJ®. The Flash DMXC™ is used to control the American DJ® Flash Tubes™ (not included) via a DMX controller and to design your own programs. The Flash Tubes™ are waterproof, and can be used outdoors, the Flash DMXC™ is **NOT** waterproof. This system is great for retail stores, displays, mood, architectural, interior and exterior decoration, and clubs.

**Customer Support:** American DJ® provides a toll free customer support line, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at [www.americandj.com](http://www.americandj.com) for any comments or suggestions. For service related issue please contact American DJ®. Service Hours are Monday through Friday 9:00 a.m. to 5:00 p.m. Pacific Standard Time.

Voice: (800) 322-6337  
Fax: (323) 582-2610  
E-mail: [support@americandj.com](mailto:support@americandj.com)

To purchase parts online visit <http://parts.americandj.com>

**Warning!** To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

**Caution!** There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact American DJ®.

**PLEASE do not discard the shipping carton in the trash. Please recycle when ever possible.**

## Flash DMXC™

## Unpacking

Every Flash DMXC™ has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your unit for damage and be sure all accessories necessary to operate the unit have arrived intact. In the event damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Please do not return this unit to your dealer without first contacting customer support.

## Flash DMXC™

## Features

- Adjustable Interval, Speed, and Flash (Strobe) controls
- Up to 20 Flash Tubes™ can be linked together and connected to the Flash DMXC™
- Light Weight, Compact Case Design.
- Built-In Mounting Plate.
- Low Power Consumption.

## Flash DMXC™

## Warranty Registration

The Flash DMXC™ carries a 1 Year (365 Days) limited warranty. We recommend you fill out the enclosed warranty card to validate your purchase. All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. Please contact American DJ® customer support for a R.A. number.

## Flash DMXC™

## Precautions

- Do not spill water or other liquids into or on to your unit.
- Be sure that the local power outlet match that of the required voltage for your unit.
- Do not attempt to operate this unit if the power supply cord has been frayed or broken. Please route your power supply cord away from foot traffic.
- Disconnect from main power before making any type of connection.
- There are no user serviceable parts inside.
- Never plug this unit in to a dimmer pack
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit if it becomes damaged in any way.
- Never operate this unit when it's front cover is removed.
- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- This unit is intended for indoor use only, use of this product outdoors voids all warranties.
- During long periods of non-use, disconnect the unit's main power.
- Always mount this unit in safe and stable matter.
- Power-Cord Protection - Power-supply cords should be routed so they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords a plugs, convenience receptacles, and the point where they exit from the fixture.
- Cleaning -The fixture should be cleaned only as recommended by the manufacturer.
- Heat -The fixture should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged.
  - B. Objects have fallen, or liquid has been spilled into the appliance.
  - C. The appliance has been exposed to rain or water.
  - D. The fixture does not appear to operate normally or exhibits a marked change in performance.

## Flash DMXC™

## General Instructions

Please carefully read and understand the instructions in this manual thoroughly before attempting to operate this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

## Flash DMXC™

## Operation

**Power Supply:** Before plugging your unit in, be sure the source voltage in your area matches the required voltage for your American DJ® Flash DMXC™. The American DJ® Flash DMXC™ is only available in 120v. Because line voltage may vary from venue to venue, be sure to plug your fixture into a wall outlet with a matching power supply before attempting to operate.

### **Operating Modes and Set Up:**

**Flash DMXC™ Control:** This will allow a universal DMX-512 controller such as the Elation® DMX Operator™ or Show Designer™ to control the Flash Tubes. To control the Flash Tubes in DMX mode, follow the set-up procedures included with your DMX controller.

1. The Flash Tubes™ connect to the Flash DMXC™ by the Flash-TBC that is attached to the end of each Flash Tube™.
2. Connect your first Flash Tube™ in your chain to the Flash-TBC Input connection on the Flash DMXC™.
3. Continue to daisy chain the Flash Tubes™ in your chain.

**The last Flash Tube must have a Terminator at the end to function properly.**

**Note:** You should **ONLY** link up to 20 Flash Tubes™ to one Flash DMXC. If more Flash Tubes are being used you can continue to link them by linking another Flash DMXC to the original Flash DMXC using the XLR connection, but you should use more than one power source. For DMX Addressing of more than one Flash DMXC, see page 7.

4. Connect your DMX controller to the Flash DMXC™ XLR Input

## Flash DMXC™

## Operation cont.

connection.

5. Set your desired DMX address using the dipswitches on the side of the Flash DMXC™.
6. After you set up your complete system, plug in the power cord of the Flash DMXC™.
7. The Flash Tubes with the Flash DMXC uses four DMX channels. See page 7 for detailed description of the DMX traits.

## Flash DMXC™

## Cleaning

### **Fixture Cleaning:**

Due to fog residue, smoke, and dust cleaning the fixture should be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing every 20 days.
2. Always be sure to dry all parts completely before plugging the unit back in.
3. Frequent cleaning will ensure fixture reliability.

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew). In heavy use we recommend cleaning on a monthly basis. Periodic cleaning will ensure longevity, and crisp beam output.

Flash DMXC™		DMX Traits
Channel	Value	Function
1 ↓	0 - 255	<u>MODE</u>
	0 - 15	NO FUNCTION
	16 - 135	MANUAL
	136 - 255	AUTOMATIC
2 ↓	0 - 255	<u>PATTERN</u>
	0 - 63	FRONT → BACK
	64 - 127	BACK → FRONT
	128 - 191	BACK & FORTH
	192 - 255	CRISSCROSS
3	0 - 255	<u>SPEED OF THE PATTERN</u>
	0 - 255	ONE FLASH EVERY 2 SECONDS TO A FLASH EVERY 0.05 SECONDS
4	0 - 255	RATE OF TIME BETWEEN PATTERNS
	0 - 255	ONE FLASH EVERY 3 SECONDS TO A FLASH EVERY 0.10 SECONDS

Flash DMXC™		Dipswitch Settings
	DMX Address	DMX Dipswitches On
First Flash DMXC	1	1
Second Flash DMXC	5	3,1
Third Flash DMXC	9	4,1
Fourth Flash DMXC	13	4,3,1

## Flash DMXC™ Trouble Shooting

Listed below are a few common problems and solutions you should try before contacting customer support.

**The beginning of the Flash Tubes™ work but the end tubes do not work;**

1. Check the tube quantity setting on the Flash DMXC™.
2. Check the connection of the first blacked out Flash Tube™.
3. Change the blacked out Flash Tube™, it could be dead.

**The middle Flash Tubes™ do not work but the others do;**

1. Change the blacked out Flash Tube™.

**Certain parts of a Flash Tube™ do not work;**

1. Change the Flash Tube™.

**The Flash Tubes™ cannot be controlled by the Flash DMXC™;**

1. Change the Flash DMXC™.
2. The area might have a strong interference signal.
3. Reduce the the Flash Tube quantity that are linked to a single power socket. Seperate and use more power outlets.

**Neither the Flash Tubes™ or Flash DMXC™ are working;**

1. Change power outlets.
2. Change the Flash DMXC™

**1 YEAR LIMITED WARRANTY**

A. American DJ® hereby warrants, to the original purchaser, American DJ® products to be free of manufacturing defects in material and workmanship for a period of 1 Year (365 days) from the date of purchase. This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

B. For warranty service, send the product only to the American DJ® factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, American DJ® will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, American DJ® shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.

C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which American DJ® concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the American DJ® factory unless prior written authorization was issued to purchaser by American DJ®; if the product is damaged because not properly maintained as set forth in the instruction manual.

D. This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check-up. During the period specified above, American DJ® will replace defective parts at its expense, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of American DJ® under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of American DJ®. All products covered by this warranty were manufactured after January 1, 1990, and bear identifying marks to that effect.

E. American DJ® reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by American DJ® in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall American DJ® be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

G. This warranty is the only written warranty applicable to American DJ® Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

H. Lamps are not covered under this or any other warranty either written or implied.

**Model: Flash DMXC™**

<b>Voltage*:</b>	120v~60Hz
<b>Dimensions:</b>	7.7" (L) X 4.33" (W) X 3.14"(H)
<b>Working Position:</b>	Any Safe Position
<b>Weight:</b>	2.2 lbs/ 1 Kgs.
<b>Fuse:</b>	10 Amp
<b>Warranty:</b>	1 Year (365 Days)

\* Voltage is preset at the factory and is not user selectable.

**Model: Flash Tube™**

<b>Voltage*:</b>	120v~60Hz
<b>Dimensions:</b>	60" (L) X 3.25" (W) X 3.25"(H)
<b>Working Position:</b>	Any Safe Position
<b>Weight:</b>	3 lbs/ 1.36 Kgs.
<b>Warranty:</b>	1 Year (365 Days)

\* Voltage is preset at the factory and is not user selectable.

**Please Note:** Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

American DJ®

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